CUSTOM SEWING, INTERMEDIATE
Course Syllabus

Course Number: APDT-0419
OCAS Code: None
Course Length: 80 Hours
Career Cluster: Arts, A/V Technology & Communications
Career Pathway: Visual Arts
Career Major(s): Apparel Design Technician

Pre-requisite(s): APDT-0417 Custom Sewing Basic

Course Description: The student will apply assembly techniques to apparel, including seams, hems, edge finishes, darts, buttons, buttonholes, collars, waist treatments, and closures. Students will gain knowledge of thread characteristics, fabrics, and advanced assembly techniques. Correct fit to a client is foremost in this course. Interpretation of fitting problems, understanding design ease as it relates to design will culminate in performing pattern alteration to adjust problems.

Textbooks: Sewing for the Apparel Industry by Claire Shaeffer, Prentice Hall Publisher (2001)

Course Objectives:

A. Advanced Seam, Seam Finishes, and Hems.\(^1\)\(^2\)
   1. Seams.\(^2\)
   2. Seam and hem finishes.\(^2\)
   3. Self-finishing seams.\(^2\)
   4. Hemming by hand.\(^2\)
   5. Construct samples for notebook.\(^2\)

B. Construction Techniques.\(^1\)
   1. Compare wearing ease and design ease.
   2. Detect & interpret fitting problems.
   3. Perform different types of pattern alterations – pattern, seam, slash & spread.
   4. Research list of standard size range.
   5. Demonstrate correct measuring techniques for determining pattern size.
   7. Apply techniques for pattern alterations and pattern grading.
   8. Use zipper foot, blind hemming foot, buttonhole foot, and darning foot.

C. Darts, Waistbands, and Zippers.\(^1\)\(^2\)
   1. Darts.\(^2\)
   2. Waistbands and waits finishes.\(^2\)
   3. Zippers.\(^2\)
   4. Construct a skirt or pants.\(^2\)

D. Plackets, Cuffs, Pockets, and Bias Applications.\(^1\)\(^2\)
   1. Plackets.\(^2\)
   2. Bands and cuffs.\(^2\)
   3. Closures.\(^2\)
   4. Pockets.\(^2\)
5. Bias applications.  
6. Construct a shirt, jacket or dress.  

E. Alterations.  
1. Interpret international symbols.  
2. Make a daily journal of work accepted into shop, alterations made, and work delivered to customers.  
3. Execute specific alterations.  

F. Educational Enhancement Center Math Activities.  
1. Express common fractions as decimal fractions and vice versa.  
2. Use a decimal equivalents table.  
3. Change percents to decimals and decimals to percents.  
4. Change percents to fractions and fractions to percents.  
5. Find a percentage of a number.  
6. Use percents in apparel applications.  
7. Read a standard ruler to \( \frac{1}{6} \) of an inch.  
8. Calculate yardage requirements.  
9. Calculate garment cost.  

1 ODCTE objectives  
2 Priority Academic Student Skills (PASS) – High School Visual Art  

Teaching Methods:  
The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.  

Grading Procedures:  
1. Students are graded on theory and shop practice and performance.  
2. Each course must be passed with seventy (70%) percent or better.  
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.  

Description of Classroom, Laboratories, and Equipment:  
Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.  

Available Certifications/College Credit:  
The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.  

College Credit Eligibility:  
The student must maintain a grade point average of 2.0 or better.